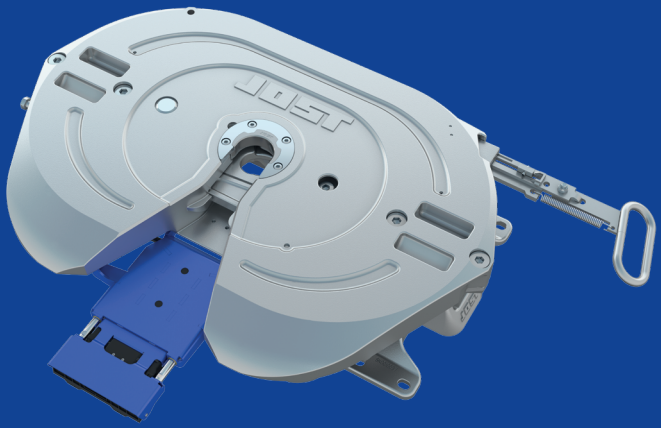
JOST

KKS

THE PERFECT COUPLING



www.kks-successstories.com

Member of JOST World

Calculate your annual savings with KKS

31.429€
SAVING PER ANNUM

1.358+
EXTRA JOURNEY LEGS PER ANNUM

453h
TIME SAVINGS PER ANNUM

Your advantages:

Automatic control and monitoring of the complete coupling and uncoupling process by remote control from the driver‘s cab. Significant time savings when changing trailers.

Changed in less than 5 minutes.

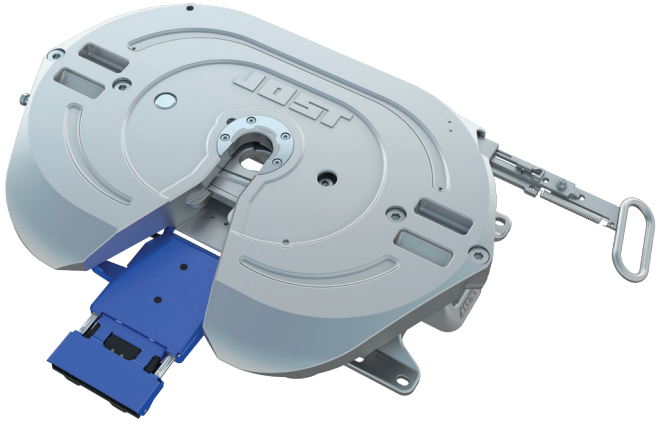
Can be retrofitted!

In an example calculates with:
Hitching time in minutes: 10min
Number os shifts: 2
Driving time in minutes: 30min

THE CORE ELEMENT – THE KKS 42 FIFTH WHEEL COUPLING

KKS builds on tried-and-tested technology: at its core is the high-quality 2” cast KKS 42 fifth wheel coupling. It’s proven to be reliable and highly responsive in trials.

Together, the KKS 42 and the KKS Connector form the revolutionary sensor coupling system with Sensoric, LubeTronic and a pneumatic opening cylinder.

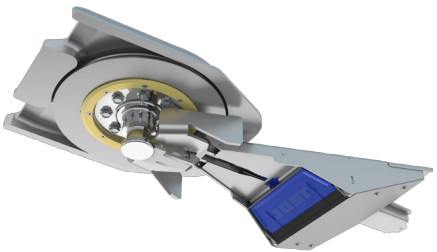


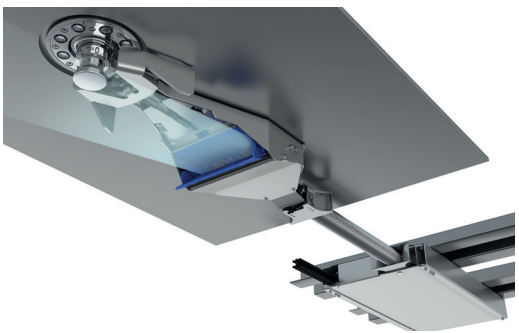
Technical specifications:

- also available as a low-maintenance coupling with LubeTronic 1Point
- obtainable with all DIN bearing blocks and frame assemblies
- heights from 150 mm
- ECE-R55-01
- three standard sensors monitor the king pin, locking mechanism and trailer plate

SNAP-SHUT INTELLIGENCE – THE KKS CONNECTORS

Fitted to the underside of the trailer, the stars of the show are JOST's unique KKS Connectors KKS-U/KKS-Cool and KKS-I. Both connectors control all the mechanical, electrical, and pneumatic connections between the truck and trailer, eliminating the need for vulnerable air, electrics and ABS/EBS spiral lines. There are two different ways to install the connectors: With the galactically ingenuous KKS-U/KKS-Cool Connector, all of the cable and hose handling take place under the trailer during cornering. Thanks to its simple installation, it offers a huge advantage, especially for retrofitting onto existing trailers including refrigerated vehicles . Or choose the KKS-I Connector, where cable and hose handling takes place in the trailer floor.





Technical specifications:

KKS-I / KKS-U / KKS-Cool

- high quality JOST 2“ king pin
- reliable future-proof and ISO 13044-2 compliant standard plugs for air, electrical connections and brakes
- safety tested JOST welding plate
- clever cable handling

Additionally for KKS-U/KKS-Cool

- steel spring-encased supply lines
- particularly straightforward installation on existing trailers
- smart mounting on the trailer plate

HANDY CONTROL AT YOUR FINGERTIPS – THE KKS REMOTE CONTROL

Thanks to the intuitive KKS remote control, drivers have the entire coupling and uncoupling process in the palm of their hand, with all information about the coupling status of the fifth wheel available at a glance in real time. Changing trailers just got easier and simpler. A standardised process enables a short briefing and the drivers are ready to hit the road!

Technical specifications:

- remote control of landing gear and fifth-wheel coupling
- push button air and electrics connection
- real-time status reporting and sensor monitoring
- intelligent logic for routine trailer changes

SAY GOODBYE TO CRANKING – THE KKS E-DRIVE MODULE

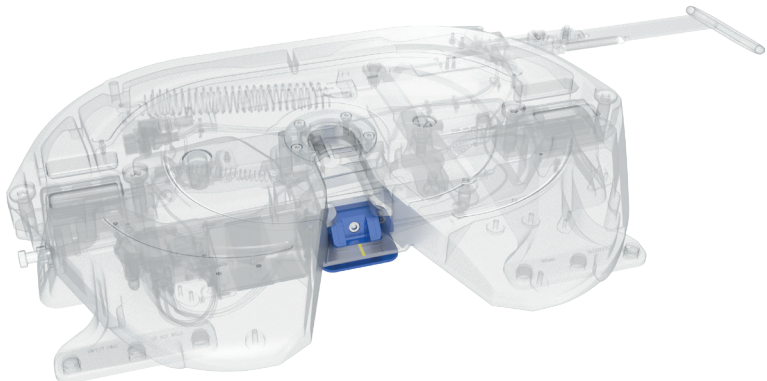
Hand cranking is now a thing of the past thanks to the robust KKS E-Drive module – an electric auxiliary drive that deploys landing legs automatically and is controlled via the KKS remote control. No more time-consuming and physically demanding cranking needed! And by eliminating the manual cranking, trailers can be positioned closer together.

Technical specifications:

- based on the proven JOST Modul series
- S-Foot as standard and therefore large drift
- maintenance-free, patented, internal gearbox
- can also be manually operated

SMART EYES – THE KKS KING PIN FINDER

Integrated directly in the fifth wheel coupling, the King Pin Finder serves as a smart camera assistant when reversing, sending a live camera feed to the dashboard or JOST monitor in the driver's cab. It offers the best possible view for the coupling process, assisting the driver by displaying guidance lines to enable precise trailer alignment – even when approaching at an angle – and to assist in identifying the ideal lifting point. All components are contained in collision-proof housing and are perfectly integrated into the fifth wheel coupling, taking up minimum space.



Technical specifications:

- Operating temperature: -30°C to +70°C.
- Viewing angle: 89(H) / 52(V) / 103(D)
- ECE R55-01
- ECE R10-01
- ADR
- For all conventional JOST fifth wheel couplings

NEW

KKS COOL

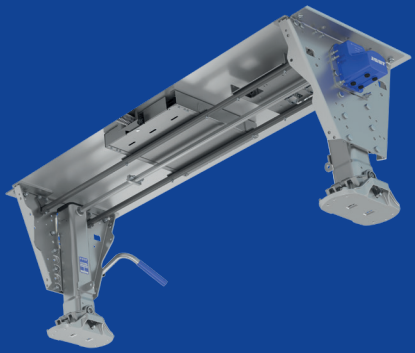
AUTOMATISED COUPLING FOR REFRIGERATED TRAILERS

We've specially developed KKS-Cool for the fast and safe coupling of refrigerated trailers, bringing the full KKS functionality to your refrigerated semi-trailer with absolutely no damage. It can be retrofitted with no traces, therefore making it suitable for leased vehicles as well. The perfect solution for extremely narrow spaces behind the refrigeration unit that make the manual coupling process difficult.

- Simpler, safer, faster coupling/ decoupling process, especially for refrigerated semi-trailers
- Can be automated
- Special, automatic landing gear with inside mounting
- Can be retrofitted without modifying the chassis
- Mounting between landing gear and king pin

JOST KKS TRAILER CONNECTOR

JOST MODUL E-DRIVE



JOST FIFTH WHEEL COUPLING

How it works:

1. All air lines and electrical lines, including ABS/EBS, are automatically connected when coupling
2. The landing gear is raised automatically.
3. When decoupling, the lines are disconnected and the landing gear is lowered.

Safety for drivers

The automated coupling process does not require drivers to enter the catwalk. Refrigerated semi-trailers in particular often have very cramped conditions and an increased risk of injury.

Dieter Stürmer
WAREMA Renkhoff,
Marktheidenfeld

„At Warema, we have been relying on KKS for short-distance internal shuttle transport since 2023. Since then, the fully automatic coupling has saved us around 3 hours per day in addition to personnel and vehicles – that‘s almost 700 hours per year based on 280 working days.“

„For us, the many flexibility benefits of KKS were particularly convincing. We‘re now looking to invest in more of these systems.“

Stefan Bürger
Managing Director
Stede GmbH

David Sagnard
Groupe Transports
Carpentier, Calais

„After a motorbike accident, our passionate long-distance driver Jeremy Scotts fought his way back to his old job. Among other things, we installed KKS for him. Today, he engages the clutch directly from the cab. Fully automatically at the touch of a button.“

„A powerful tool against the driver shortage. With KKS, older drivers can hang on for a few years – and women have it easier.“

Eckhard Vollmer
Professional driver and
driving instructor

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JOST, Germany Tel. +49 6102 295-0, jost-sales@jost-world.com, www.jost-world.com